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Patent  
Docket No. H 4156 PCT/US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re: Application of:  
Molitor, et al.

Serial No. 09/980,192

Examiner:

Filed: 04/15/2002

Art Unit:

TITLE: UTILIZATION OF MICROEMULSIONS IN FERMENTATION  
PROCESSES

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**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, DC 20231

Transmitted herewith is an Information Disclosure Statement ("IDS") in the above-referenced application, together with an IDC form listing all references cited and a copy of each reference.

No Office Action on the above-referenced application has been received by Applicant, and therefore no fee for submitting this IDS is believed to be due. However, the Commissioner is hereby authorized to charge Deposit Account No. 50-1177 if any fee under 37 C.F.R. 1.17 is deemed necessary for the accompanying references to be considered by the Patent and Trademark Office.

Some of the references are neither in English nor cited in any accompanying English language version of a search report by another patent office, and therefore require a concise explanation of relevancy, as it is currently understood by the

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applicant, pursuant to 37 C.F.R. § 1.98(a)(3). This required explanation of relevancy is given in the specification of the above captioned application for the following references:

Reference Identification

DE 37 38 812 A1

W. Crueger/A. Crueger,  
Biotechnologie - Lehrbuch der  
angewandten Mikrobiologie, 2nd  
Edition, 1984, R. Oldenbourg Verlag

Lebensmittelchem. Gerichtl.  
Chem., 39, 112 to 114, 1985

Biermann et al., Starch/Stärke 45,  
281 (1993)

J. Kähre et al., SÖFW-Journal, No. 8,  
598 (1995)

Described in Specification at:

Page 2, Lines 5-7

Page 1, Lines 21-24

Page 6, Line 30  
Page 7, Line 1

Page 11, Lines 14-17

Page 11, Lines 14-17

Respectfully submitted,

**JEAN-PIERRE MOLITOR, ET AL.**

5/15/2002  

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(Date)

  

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**AARON R. ETTELMAN**  
(Reg. No. 42,516)  
Attorney for Applicants  
Telephone: (610) 278-4930  
Facsimile: (610) 278-4971  
E-Mail: AARON.ETTELMAN@COGNIS-US.COM

Cognis Corporation, Patent Dept.  
2500 Renaissance Blvd., Suite 200  
Gulph Mills, PA 19406

ARE/ras

Enclosures: 1) International Search Report  
2) IDC (w/References)

Form PTO-1449

Docket No.  
H 4156 PCT/USSerial No.  
09/980,192

## INFORMATION DISCLOSURE CITATION

Applicant:  
Molitor, et al.

Filing Date: 04/15/2002

Group: To be assigned

## U.S. PATENT DOCUMENTS

Examiner Initials*	Document Number	Date	Name	Class	Subclass	Filing Date if Approp.
	5,372,943	12/13/94	Inlow et al.			
	5,674,830	10/7/97	Brenkman et al.			
	4,871,665	10/3/89	Viehweg			
	6,255,253	7/3/01	Foerster et al. (Equiv. to DE 19735790)			
	5,196,129	3/23/93	Luisi (Equiv. to EP 0409314)			
	4,525,353	6/25/85	Cole, et al.			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Document Number	Date	Country	Class	Subclass	Translation Yes No
	197 35 790 A1	2/25/99	Germany (Equiv. to US 6,255,253)			Abstract
	0 409 314 B1	1/23/91	Europe (Equiv. to US 5,196,129)			English
	37 38 812 A1	5/24/89	Germany			Abstract
	0 535 939 A1	4/7/93	Europe			English
	0 043 280 A1	1/6/82	Europe			English
	0 045 205 B1	2/3/82	Europe			English
	0 546 819 A1	6/16/93	Europe			English
	0 182 522 A1	5/28/86	Europe			English

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Volume-Issue No., Publisher, City where published)

	Lee, et al., "Production of tylosin by Streptomyces fradiae in palm oil medium", World Journal of Microbiology & Biotechnology, Vol. 13, Rapid Science Publishers, (1997), pgs. 69-71
	Stark, et al., "Monensin, a New Biologically Active Compound, II. Fermentation Studies", Antimicrobial Agents and Chemotherapy, (1968), pgs. 353-358
	Stark, et al., "A Fermentation Study of the Biosynthesis of Tylosin in Synthetic Media", Sci. Repts. Ist. Super. Sanita, 1, (1961), pgs. 340-354
	Mirjalili, et al., "Production of erythromycin and triketide lactone by Saccharopolyspora erythraea in rapeseed oil at two different scales", pgs. 1-35
	Choi, et al., "Efficient Tylosin Production from Streptomyces fradiae Using Rapeseed Oil", Journal of Fermentation and Bioengineering, Vol. 82, No. 2, (1996), pgs. 183-186
	Ohta, et al., "Comparison of Neomycin Production from Streptomyces fradiae Cultivation Using Soybean Oil as the Sole Carbon Source in an Air-Lift Bioreactor and a Stirred-Tank Reactor", Journal of Fermentation and Bioengineering, Vol. 79, No. 5, (1995), pgs. 443-448
	Pan, et al., "Methyl Oleate-Based Fermentation Medium for Cephalosporin C Production", CONTRIBUTED PAPER, Chapter 27, pgs. 315-323
	Crueger, et al., "Biotechnologie-Lehrbuch der angewandten", Mikrobiologie, Vol. 2, R. Oldenbourg Velage, (1984), pgs. 50-70; 70-78; 197-242 & 254-273
	Rols, et al., "Enhanced Oxygen Transfer Rates in Fermentation Using Soybean Oil-In-Water Dispersions", Biotechnology Letters, Vol. 13, No. 1, (1991), pgs. 7-12
	Shaw, "Introduction to Colloid and Surface Chemistry", Butterworth, (1992), pgs. 269-270
	LEBENSMITTELCHEM. GERICHTL. CHEM., Vol. 39, (1985), pgs. 112-114
	Salka, "Alkyl Polyglycosides - Properties and Applications", Cosmetics & Toiletries, Vol. 108, Allured Publishing Corp., (March, 1993), pgs. 89-94
	Madry, et al., "Formation of Secondary Metabolism Enzymes in the Tylosin Producer Streptomyces T59-235", Archives of Microbiology, Springer-Verlag, (1982), pgs. 170-173
	Gray, "Tylosin", HEALTHCARE PRODUCTS, Chapter 5, pgs. 83-93
	Biermann, et al., "Alkylpolyglucoside - Technologie und Eigenschaften", Starch/Stärke, Vol. 45, No. 8, (1993), pgs. 281-288
	Kahre, et al., "Alkylpolyglucoside- Ein neues Konzept für Pflege und Verträglichkeit in der Kosmetik", SÖFW-Journal, Vol. 121, No. 8, (1995), pgs. 598, 600-601, 605-611

Examiner

Date Considered

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.